ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8

SBR no - 96/15-16
Dt: 29-6-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

BR- 110 29-6-15 260909

Serial No. 1st and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency B.B. Dmesh. Contractor. Bangalore

Date of commencement of work D.D. Receipt. 26/06/15

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work: Imp to 2 Cms Grave Roads in Ward nos of Vidyaranyapura Sub-Division						
	DB.no = 009-14-000006 (R-177)						
	Work order.no = EE/BAP/BBMP/E-PMU/10(6724)/WO/72/2015-16-Dt. 06/05/2015						
	Date of commencement :- 06/05/2015						
	Date of completion :- 25/06/2015						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate of Cost - B	13.00 Lakhs.					
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 0.50m, Excavated surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer-incharge of the work.						
		Qty vide this MB. p 260/63					40763.80
		# ans-(1) = 370.58 m³					
		@ 110/m³					

Serial No. .....
Name of Work ..
Name of Contrac
Date of commen

Date	Full
1	
(2)	Rem as p of th
(3)	Refe Com Eng.

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
...bhs.				
...l mans in ordinary ...ml throw upto 2m ... Excavated surface ...ved, the disposed Earth ...rading sloods etc complete ...ches of engineer-in-charge				
...rade this MB. p 260963 ...# no.(1) = 370.584m³				40763.80
			e 110/m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260910

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(2)	Removing of B.R. slabs, chips and stacking etc complete as per specifications and directions of Engineer-in-charge of the work.						
			Only vide this MB.p 26097 Item no. (2).		445.00 m²		
						e 65/	
(3)	Refixing of B.R. slabs, chips and stacking etc Complete as per specifications and directions of Engineer-in-charge of the work						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Otg as per ## no ② = 445.50 m2			cft/m2 35640.6	
(4)	providg, layng, spreadg, and compactng graded Stone aggregate to Wet mix Macadam specification, includg premixing the material with Water at one in mechanical mix plant, Conveyg of mixed materials by tippers to site, laying in uniform layers, with paver in sub-base, base course on well prepared surface and compactng with vibratory roller to achieve the desired density at complete as per specifications no /						

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	direction of E
(5)	Cleang the Existi of bindig mate brushes and dust dust brushes a

NT BOOK

nensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
as per			# no ① = 445.50 m² @ ₹80/m²	35640.00
mpacting graded				
codes specifications,				
with water at one				
ayer of mixed materials				
n layers, with paver				
well prepared surface				
roller so as to achieve the				
as per specifications no/				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260911

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	direction of Engineer in-charge of work.						
	Providing and laying in position Premix Carpet using hot mix plant (Drum mix type) with paver finisher of specified thickness using 6 mm nominal size aggregates @ 2.5 kg/m² (Bitumen content 5.5% by weight of mix) over the prepared surface as per MoRT&H clause 507 and as directed by Engineer in charge.				p.no 260971 # no ③ = 243.45 m³ @ ₹1500/m³		365175.00
25	Cleaning the Existing WBM Road surface including removing of binding material and other foreign matter with wire brushes and small pickers, Sweeping with brooms and dusting brushes and finally dusting with old gunny bags						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and / or compressed air to Receive bituminous treatment including carry all materials, labours, hire of machineries, carry etc complete as per specifications and directions of Engineer-in-charge At Wadi GM Wadi Mas-Road ICEHS Layout Co.ord N 208.20mts						
		1	30.00	$\frac{6.3+6.7}{2}$	-	195.00	
		1	30.00	$\frac{6.7+5.7}{2}$	-	186.00	
		1	30.00	$\frac{5.7+4.9}{2}$	-	159.00	
		1	30.00	$\frac{4.9+5.5}{2}$	-	154.00	
		1	30.00	$\frac{5.5+6.0}{2}$	-	172.50	
		1	30.00	$\frac{6.0+6.4}{2}$	-	171.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of work

Date	Full description, etc,
1	2
	to Wadi GM Wadi Mas

NT BOOK

mensions			Contents	Reference to last Measurement
n	Breadth 5	Depth 6	7	8
ue	bituminous treatment			
doors, 3 nos of machines,				
45 cabins and directions				
.00	6.3+6.7 / 2	-	195.00	
.00	6.7+5.7 / 2	-	186.00	
.00	5.7+4.9 / 2	-	159.00	
.00	4.9+5.5 / 2	-	151.00	
.00	5.5+6.0 / 2	-	172.50	
0.00	6.0+5.4 / 2	-	171.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260912

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Bituminous Road	1	28.70	5.4+6.9 / 2	-	176.5	
		1	30.00	7.9+4.5 / 2	-	141.00	
		1	30.00	4.5+5.0 / 2	-	142.50	
		1	30.00	5.0+4.3 / 2	-	139.50	
		1	30.00	4.3+4.5 / 2	-	132.00	
		1	30.00	4.5+4.5 / 2	-	135.00	
		1	30.00	4.50	-	135.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
		1	14.00	$\frac{4.5+6.10}{2}$		74.20	
		1	20.00	$\frac{4.5+4.85}{2}$		116.25	
						2231.4042	
	cefe Survey ಸ.ಕಾ.ಅ.			Ltd to		2227.50 42	
						@ 14/42	31185.00
	6) Providing and applying tack coat using 80/100 grade bitumen (VG-10) on the prepared black topped surface at 2.5 kg per 10 sqm, heating bitumen in boiler filled with spray set (Excluding cleaning Road surface) including costing all material, labour, tools machinery etc complete as per specification and						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	directions by
	7) Providing and lay using crushed primed with the hot mix to power finisher

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
.00	$\frac{4.5+6.10}{2}$ -		74.20	
.00	$\frac{4.5+4.85}{2}$ -		116.25	
			2231.454	
	Ltd to .		2227.50 sq	
			@ 14/sq	31185.-
th using	80/100 grade			
ed black topped surface				
bitumen in boiler filled				
aging Road surface)				
l, labour, Hamerly				
n per Specifications and				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260913

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Directions of Engineer-In-Charge of the work.						
						Qty vide T no. (5) : 2227.50 sq	
						@ 80/sq	178200.00
	7) Providing and laying dense bituminous concrete using crushed aggregate of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	grade level and alignment, Rolling with dmour wheeled Vibratory and Tandem Roller to achieve the desired Compaction as per morth specification clause no 500.3 complete in all respects as per specifications Dia 100-120 TPH Capacity Hmp with sensor pavers Gr-II (25 mm to 30mm) with 5½-CRMB-55 grade, etc complete as per specifications and directions of Engineer-In-charge of the work.						
	7 CM 'A' Main Road IECMS-Road 1	1	30.00	$\frac{6.34+6.71}{2}$	0.025	= 4.884	C&FC

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	Co.ns to 208.70
	to 7M 'A' main - Ro

ENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
olly with drums wheeled				
o across the desired				
ication and clause No				
e as per specifications				
mp with sensor pipes				
n5) - CRMB-55 grade,				
ches and directions by				
ork.				
0.00	6.3+6.7 / 2	0.025	= 4.88	

C&FC
28/6
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M. A. R. 57 (Rule 116)
Measurement Book

No. B 260914

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(0.00 to 208.70 mts)	1	30.00	6.7+5.7 / 2	0.025	4.60	
		1	30.00	5.7+4.3 / 2	0.025	3.98	
		1	30.00	4.9+5.5 / 2	0.025	3.90	
		1	30.00	5.5+6.0 / 2	0.025	4.31	
		1	30.00	6.0+5.4 / 2	0.025	4.28	
		1	28.70	5.4+6.9 / 2	0.025	4.41	
	ತಿ ಗಾಯಿ ಅಂತ - Rd. 1	1	30.00	7.1+4.9 / 2	0.025	3.53	

C&FC
28/6
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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{4.5+5.0}{2}$	0.025	3.56	
		1	30.00	$\frac{5.0+4.3}{2}$	0.025	3.49	
		1	30.00	$\frac{4.3+4.5}{2}$	0.025	3.30	
		1	30.00	$\frac{4.5+4.5}{2}$	0.025	3.38	
		1	30.00	$\frac{4.5+4.5}{2}$	0.025	3.38	
		1	14.00	$\frac{4.5+6.1}{2}$	0.025	1.86	
		1	25.00	$\frac{4.5+4.5}{2}$	0.025	2.90	
						ಒಟ್ಟು 55.78 m³	
						ಸುತ್ತಿ 55.69 m³	₹40,435.00
						@ 11500/m³	

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Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
8)	Lead for d... Carriage ... and unloadi... directions ...

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
	$\frac{4.5+5.0}{2}$	0.025	3.56	
	$\frac{5.0+4.3}{2}$	0.025	3.49	
	$\frac{4.3+4.5}{2}$	0.025	3.30	
	$\frac{4.5+4.5}{2}$	0.025	3.38	
	$\frac{4.5+4.5}{2}$	0.025	3.38	
	$\frac{4.5+6.1}{2}$	0.025	1.86	
	$\frac{4.5+4.5}{2}$	0.025	2.90	
		Total	55.78 m³	
		Ltd to	55.69 m³	640435.00
		@ 11500/m³		

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 260915

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading etc complete as per specifications and directions of Engineer-in-charge of the work.						
	Qty as per M no. D2					370.58 m³	
	Ltd to.					342.30 m³	25330.20
					@ 74/m³		
		24/26				Total	13,45,686.50

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vidyarayapura Main Road		Vidyarayapura - Thindlu Road				BESCOM Office
			7th Cross-Road				
	2nd Cross BELSTH						
			IRCHS 7th 'B' Main Road				
			IRCHS - 6th 'B' Main Road				
	26/06/15						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Audited & Admitted to Rs 12,48,585 =00 and Rs 97101 =00 By Accts Supdt Byatarayanapura On Byatarayan BBMP	

NT BOOK

mensions			Contents	Reference to last Measurement
n	Breadth 5	Depth 6	7	8
			arayanapura - Shanthinagar Road	BESCOM Office
			h CROSS-ROAD	
			IRCHS 7th 'A' MAIN ROAD	
			IRCHS - 6th 'A' MAIN ROAD	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260916

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Audited & Admitted for Rs 13,45,686=00					IT - 13457	
	12,48,585=00					WT - 53827	
	Dy Cheque					CWC - 13457	
	and Rs 97101=00 Dy advisement					SBF - 1346	
	Accts Supdt Byatarayanapura Dn	Exe Engineer Byatarayanapura Dn BBMP				Roy - 15014	
	BBMP					Total - 97101=00	